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		DATA MATRI	X				
Date: April 5, 2007			EPA Reg. No./File Symbol: 499-xxx		Page 1 of 3		
Applicant's/Registrant's Name	& Address		Product				
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Lo	uis, MO 63122-6682	TC 267				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
		MRID Number	Submitter	Status	Note		
158.150 - 158.190	PRODUCT CHEMISTRY						
61-1	Product Identity		Applicant; 499	OWN			
61-2	Manufacturing Process		Applicant; 499	OWN			
61-3	Discussion of formation of impurities		Applicant; 499	OWN			
62-1	Preliminary Analysis		Applicant; 499	OWN			
62-2	Certificate of limits		Applicant; 499	OWN			
62-3	Analytical Methods		Applicant; 499	OWN			
63-2	Color		Applicant; 499	OWN			
63-3	Physical State		Applicant; 499	OWN			
63-4	Odor		Applicant; 499	OWN			
63-5	Melting Point		Applicant; 499	OWN			
63-6	Boiling Point		Applicant; 499	OWN			
63-7	Density, bulk-density, or specific gravity		Applicant; 499	OWN			
63-8	Solubility		Applicant; 499	OWN			
63-9	Vapor Pressure		Applicant; 499	OWN			

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		DATA MATRIX				
Date: April 5, 2007			EPA Reg. No./File Symbol: 499-xxx		Page 2 of 3	
Applicant's/Registrant's Name 8	& Address		Product			
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd.,	St. Louis, MO 63122-6682	TC 267			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
158.150 - 158.190						
63-10	Dissociation constant		Applicant; 499	OWN		
63-11	Octanol/water partition coefficient		Applicant; 499	OWN		
63-12	pH		Applicant; 499	OWN		
63-13	Stability		Applicant; 499	OWN		
63-14	Oxidizing/Reducing reaction		Applicant; 499	OWN		
63-15	Flammability		Applicant; 499	OWN		
63-16	Explodability	ELECTRONIC PROPERTY.	Applicant; 499	OWN		
63-17	Storage stability		Applicant; 499	OWN		
63-18	Viscosity		Applicant; 499	OWN		
63-19	Miscibility		Applicant; 499	OWN		
63-20	Corrosion Characteristics		Applicant; 499	OWN		
63-21	Dielectric breakdown voltage		Applicant; 499	OWN		
	1 0					
Signature C. L. W	Smile		Name and Title: Charles L. Womack Registration Specialist		Date: 4/5/2007	

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		DATA MATRIX				
Date: April 5, 2007			EPA Reg. No./File Symbol: 499-xxx		Page 3 of 3	
Applicant's/Registrant's Name & Whitmire Micro-Gen Research L	Address Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 6	3122-6682	Product TC 267			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
158.340	Toxicology					
81-1	Acute Oral LD-50, rat		Applicant; 499	OWN		
81-2	Acute dermal LD-50		Applicant; 499	OWN		
81-3	Acute inhalation LC-50, rat		Applicant; 499	OWN		
81-4	Primary eye irritation, rabbit		Applicant; 499	OWN		
81-5	Primary dermal irritation		Applicant; 499	OWN		
81-6	Dermal sensitization		Applicant; 499	OWN		
158.64	Product Performance					
	Laboratory evaluation of Shuriken residual aerosol insecticide (0.25%) V.2, Dinotefuran (Shuriken) residual aerosol insecticide (0.50%), Novaluron residual aerosol (0.50%) V.1, Imidacloprid residual aerosol (1.00%) V.1 and Phantom® termiticide-insecticide for residual control of the German Cockroach		Applicant; 499	OWN		
	Laboratory bioassay to determine the efficacy of residual deposits of two formulations for the control of the bed bug, Cimex lectularius		Applicant; 499	OWN		
	Evaluation of the efficacy of 2 Formulations of TC 256 Microcare 3%, TC 232 Pro Citra DL 10%, TC 252 Pyrethrum 2%, TC 267 Dinotefuran 0.5%, TC 268 DE, and TC 249 Dinotefuran Dust 0.25% When Applied as Direct Spray to Asian Lady Beetles (Harmonia axyridris)		Applicant; 499	OWN		
	Efficacy Three Aerosol Sprays to Control Two Species of Ants in Laboratory Experiments		Applicant; 499	OWN		
	Evaluation of TC 245 (6%py/60%PBO) 0.26%, TC 267 0.50%, TC 252 PY, ProCitra-DL 10% when applied directly onto Adult Bed Bugs (Cimex lectularius)		Applicant; 499	OWN		
	Laboratory Evaluation of Residues of the Experimental Products Shuriker Residual Aerosol Insecticide (0.25%) V.2, Dinotefuran (Shuriken) Residual Aerosol Insecticide (0.50%) and Chlorfenapyr C&C Residual-Ver 1B in the Control of the Field Cricket and the American Cockroach		Applicant; 499	OWN		
Signature C. L. W	And		Name and Title: Charles L. Womack Registration Specialist		Date: 4/5/2007	

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		DATA MATRIX	(
Date: October 23, 2007			EPA Reg. No./File Symbol: 499-LGR		Page 1 of 3
applicant's/Registrant's Name 8	Address		Product		
Whitmire Micro-Gen Research I	Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Lo.	uis, MO 63122-6682	TC 267		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190	PRODUCT CHEMISTRY				
1-1	Product Identity		Applicant; 499	OWN	
61-2	Manufacturing Process		Applicant; 499	OWN	
51-3	Discussion of formation of impurities		Applicant; 499	OWN	
52-1	Preliminary Analysis		Applicant; 499	OWN	
2-2	Certificate of limits		Applicant; 499	OWN	
52-3	Analytical Methods		Applicant; 499	OWN	
3-2	Color		Applicant; 499	OWN	
3-3	Physical State		Applicant; 499	OWN	
3-4	Odor		Applicant; 499	OWN	
3-5	Melting Point		Applicant; 499	OWN	
3-6	Boiling Point		Applicant; 499	OWN	
3-7	Density, bulk-density, or specific gravity		Applicant; 499	OWN	
3-8	Solubility		Applicant; 499	OWN	
63-9	Vapor Pressure		Applicant; 499	OWN	
Signature India	ia adorace		Name and Title: Patricia A. Hodge / Registration Specialist		Date: 10/23/2007

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		DATA MATRIX			
Date: October 23, 2007			EPA Reg. No./File Symbol: 499-LGR		Page 2 of 3
Applicant's/Registrant's Name 8	& Address		Product		
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd.,	St. Louis, MO 63122-6682	TC 267		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190	Guideline Study Name	WIND Number	Submittee	Status	Note
63-10	Dissociation constant	The Park of the Control of the Contr	Applicant; 499	OWN	
63-11	Octanol/water partition coefficient		Applicant; 499	OWN	
63-12	pH		Applicant; 499	OWN	
63-13	Stability		Applicant; 499	OWN	
63-14	Oxidizing/Reducing reaction		Applicant; 499	OWN	
63-15	Flammability		Applicant; 499	OWN	
63-16	Explodability		Applicant; 499	OWN	
63-17	Storage stability		Applicant; 499	OWN	
63-18	Viscosity		Applicant; 499	OWN	
63-19	Miscibility		Applicant; 499	OWN	
63-20	Corrosion Characteristics		Applicant; 499	OWN	
63-21	Dielectric breakdown voltage		Applicant; 499	OWN	
0					
Signature Jakie	cia a blodge		Name and Title: Patricia A. Hodge / Registration Specialist		Date: 10/23/2007

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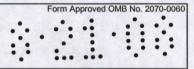
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		DATA MATRIX					
Date: October 23, 2007			EPA Reg. No./File Symbol: 499-LGR		Page 3 of 3		
Applicant's/Registrant's Name			Product				
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 6	53122-6682	TC 267				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
158.340	Toxicology						
81-1	Acute Oral LD-50, rat	47104802	Applicant; 499	OWN			
81-2	Acute dermal LD-50	47104803	Applicant; 499	OWN			
81-3	Acute inhalation LC-50, rat	47104804	Applicant; 499	OWN			
81-4	Primary eye irritation, rabbit	47104805	Applicant; 499	OWN			
81-5	Primary dermal irritation	47104806	Applicant; 499	OWN			
81-6	Dermal sensitization	47104807	Applicant; 499	OWN			
158.64	Product Performance						
	Field Evaluation of the Efficacy of Two Whitmire Micro-Gen Aerosol Formulations vs. CB Residuals, D-Force HPX Aerosol Formulation Against German Cockroaches (Blattella germanica)		Applicant; 499	OWN			
	Laboratory evaluation of Shuriken residual aerosol insecticide (0.25%) V.2, Dinotefuran (Shuriken) residual aerosol insecticide (0.50%), Novaluron residual aerosol (0.50%) V.1, Imidacloprid residual aerosol (1.00%) V.1 and Phantom® termiticide-insecticide for residual control of the German Cockroach	47104808	Applicant; 499	OWN			
	Laboratory bioassay to determine the efficacy of residual deposits of two formulations for the control of the bed bug, Cimex lectularius	47104809	Applicant; 499	OWN			
	Evaluation of the efficacy of 2 Formulations of TC 256 Microcare 3%, TC 232 Pro Citra DL 10%, TC 252 Pyrethrum 2%, TC 267 Dinotefuran 0.5%, TC 268 DE, and TC 249 Dinotefuran Dust 0.25% When Applied as Direct Spray to Asian Lady Beetles (Harmonia axyridris)	47104810	Applicant; 499	OWN			
	Efficacy Three Aerosol Sprays to Control Two Species of Ants in Laboratory Experiments	47104811	Applicant; 499	OWN			
	Evaluation of TC 245 (6%py/60%PBO) 0.26%, TC 267 0.50%, TC 252 PY, ProCitra-DL 10% when applied directly onto Adult Bed Bugs (Cimex lectularius)	47104812	Applicant; 499	OWN			
0	Laboratory Evaluation of Residues of the Experimental Products Shuriken Residual Aerosol Insecticide (0.25%) V.2, Dinotefuran (Shuriken) Residual Aerosol Insecticide (0.50%) and Chlorfenapyr C&C Residual-Ver 1B in the Control of the Field Cricket and the American Cockroach	47104813	Applicant; 499	OWN			
Signature Hah	icia A Hoda		Name and Title: Patricia A. Hodge / Registration Specialist		Date: 10/23/2007		

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ess tories, Inc; 3568 Tree Court Industrial Blvd., St. Lo 2-70-0) leline Study Name PRODUCT CHEMISTRY	DATA MATRIX uis, MO 63122-6682 MRID Number	EPA Reg. No./File Symbol: 499-531 Product TC 267 Submitter		Page 1 of 4
tories, Inc; 3568 Tree Court Industrial Blvd., St. Loi 2-70-0) Jeline Study Name		Product TC 267		Page 1 of 4
tories, Inc; 3568 Tree Court Industrial Blvd., St. Loi 2-70-0) Jeline Study Name		TC 267		
2-70-0) leline Study Name				
leline Study Name	MRID Number	Submitter		
	MRID Number	Submitter		
PRODUCT CHEMISTRY		Cubilitate	Status	Note
luct Identity	47104801	Applicant; 499	OWN	
ufacturing Process	47104801	Applicant; 499	OWN	
ussion of formation of impurities	47104801	Applicant; 499	OWN	
minary Analysis	47104801	Applicant; 499	OWN	
ificate of limits	47104801	Applicant; 499	OWN	
ytical Methods	47104801	Applicant; 499	OWN	
r	47104801	Applicant; 499	OWN	
sical State	47104801	Applicant; 499	OWN	
	47104801	Applicant; 499	OWN	
ing Point	47104801	Applicant; 499	OWN	
ng Point	47104801	Applicant; 499	OWN	
sity, bulk-density, or specific gravity	47104801	Applicant; 499	OWN	
bility	47104801	Applicant; 499	OWN	
or Pressure	47104801	Applicant; 499	OWN	
r it it	ussion of formation of impurities minary Analysis ficate of limits vical Methods fical State ing Point fig Point fity, bulk-density, or specific gravity fility	### ### ##############################	ufacturing Process 47104801 Applicant; 499 ussion of formation of impurities 47104801 Applicant; 499 minary Analysis 47104801 Applicant; 499 ficate of limits 47104801 Applicant; 499 drical Methods 47104801 Applicant; 499 drical State 47104801 Applicant; 499 drical State 47104801 Applicant; 499 drig Point 47104801 Applicant; 499 drig Point 47104801 Applicant; 499 drifty, bulk-density, or specific gravity 47104801 Applicant; 499 drifty bulk-density, or specific gravity 47104801 Applicant; 499	offacturing Process 47104801 Applicant; 499 OWN purple of the purple of session of formation of impurities 47104801 Applicant; 499 OWN purple of the purple

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		DATA MATRIX					
Date: May 6, 2008			EPA Reg. No./File Symbol: 499-531	R. A. B. W. C.	Page 2 of 4		
Applicant's/Registrant's Name &	k Address		Product				
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd.,	St. Louis, MO 63122-6682	TC 267				
Ingredient: Dinotefuran (CAS #	165252-70-0)						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
158.150 - 158.190							
63-10	Dissociation constant	47104801	Applicant; 499	OWN			
63-11	Octanol/water partition coefficient	47104801	Applicant; 499	OWN			
63-12	рН	47104801	Applicant; 499	OWN			
63-13	Stability	47104801	Applicant; 499	OWN			
63-14	Oxidizing/Reducing reaction	47104801	Applicant; 499	OWN			
63-15	Flammability	47104801	Applicant; 499	OWN			
63-16	Explodability	47104801	Applicant; 499	OWN			
63-17	Storage stability	New	Applicant; 499	OWN			
63-18	Viscosity	47104801	Applicant; 499	OWN			
63-19	Miscibility	47104801	Applicant; 499	OWN			
63-20	Corrosion Characteristics	New	Applicant; 499	OWN			
63-21	Dielectric breakdown voltage	47104801	Applicant; 499	OWN			
Signature Ab an la	1 Thomas		Name and Title: Dana M. Thomas Manager, Product Registrations		Date: 5/6/08		

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		DATA MATRIX			
Date: May 6, 2008			EPA Reg. No./File Symbol: 499-531		Page 3 of 4
Applicant's/Registrant's Name & Address Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682			Product TC 267		
Ingredient: Dinotefuran (CAS #	165252-70-0)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.340	Toxicology				
81-1	Acute Oral LD-50, rat	47104802	Applicant; 499	OWN	
81-2	Acute dermal LD-50	47104803	Applicant; 499	OWN	
81-3	Acute inhalation LC-50, rat	47104804	Applicant; 499	OWN	
81-4	Primary eye irritation, rabbit	47104805	Applicant; 499	OWN	
81-5	Primary dermal irritation	47104806	Applicant; 499	OWN	
81-6	Dermal sensitization	47104807	Applicant; 499	OWN	
158.64	Product Performance				
	Field Evaluation of the Efficacy of Two Whitmire Micro-Gen Aerosol Formulations vs. CB Residuals, D-Force HPX Aerosol Formulation Against German Cockroaches (Blattella germanica)	47262601	Applicant; 499	OWN	
	Laboratory evaluation of Shuriken residual aerosol insecticide (0.25%) V.2, Dinotefuran (Shuriken) residual aerosol insecticide (0.50%), Novaluron residual aerosol (0.50%) V.1, Imidacloprid residual aerosol (1.00%) V.1 and Phantom® termiticide-insecticide for residual control of the German Cockroach	47104808	Applicant; 499	OWN	
	Laboratory bioassay to determine the efficacy of residual deposits of two formulations for the control of the bed bug, Cimex lectularius	47104809	Applicant; 499	OWN	
	Evaluation of the efficacy of 2 Formulations of TC 256 Microcare 3%, TC 232 Pro Citra DL 10%, TC 252 Pyrethrum 2%, TC 267 Dinotefuran 0.5%, TC 268 DE, and TC 249 Dinotefuran Dust 0.25% When Applied as Direct Spray to Asian Lady Beetles (Harmonia axyridris)	47104810	Applicant; 499	OWN	
	Efficacy Three Aerosol Sprays to Control Two Species of Ants in Laboratory Experiments	47104811	Applicant; 499	OWN	
	Evaluation of TC 245 (6%py/60%PBO) 0.26%, TC 267 0.50%, TC 252 PY, ProCitra-DL 10% when applied directly onto Adult Bed Bugs (Cimex lectularius)	47104812	Applicant; 499	OWN	
	Laboratory Evaluation of Residues of the Experimental Products Shuriken Residual Aerosol Insecticide (0.25%) V.2, Dinotefuran (Shuriken) Residual Aerosol Insecticide (0.50%) and Chlorfenapyr C&C Residual-Ver 1B in the Control of the Field Cricket and the American Cockroach	47104813	Applicant; 499	OWN	
Signature	In Shomas		Name and Title: Dana M. Thomas Manager, Product Registrations		Date: 5/6/08

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DATA MATRIX					
Date: May 6, 2008			EPA Reg. No./File Symbol: 499-531		Page 4 of 4
Applicant's/Registrant's Name &	& Address		Product		
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 6	3122-6682	TC 267		
ngredient: Dinotefuran (CAS #	165252-70-0)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.640	Product Performance				
	Evaluation of Whitmire TC 267 When Applied as Direct Spray onto Brown Recluse Spiders	New	Applicant; 499	OWN	
	The effect of a direct contact spray from a dinotefuran aerosol formulation on workers of the Black Carpenter Ant, Camponotus pennsylvanicus (DeGeer) and the Field ant, Formica subsericea Say (Hymenoptera: Formicidae)	New	Applicant; 499	OWN	
1.27					
				201	
Signature	1 Jhomas 1971 Electronic and Paper versions available. Submit only Paper version.		Name and Title: Dana M. Thomas Manager, Product Registrations		Date: 5/6/08

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Date: August 25, 2011			EPA Reg. No./File Symbol: 499-531		Page 1 of 4
Applicant's/Registrant's Name & Address		Product		E FARME	
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Lo	uis, MO 63122-6682	TC 267		
ngredient: Dinotefuran: N-meth	yl-N-[tetrahydro-3-furanly)methyl]guanidine (CAS #16525	2-70-0)			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190	PRODUCT CHEMISTRY				
330.1550	Product Identity	47104801	Applicant; 499	OWN	
830.1650	Manufacturing Process	47104801	Applicant; 499	OWN	
830.1670	Discussion of formation of impurities	47104801	Applicant; 499	OWN	
330.1700	Preliminary Analysis	47104801	Applicant; 499	OWN	
330.1750	Certificate of limits	47104801	Applicant; 499	OWN	
330.1800	Analytical Methods	47104801	Applicant; 499	OWN	
330.6302	Color	47104801	Applicant; 499	OWN	ECW Williams
330.6303	Physical State	47104801	Applicant; 499	OWN	
330.6304	Odor	47104801	Applicant; 499	OWN	
330.7200	Melting Point	47104801	Applicant; 499	OWN	
330.7220	Boiling Point	47104801	Applicant; 499	OWN	
330.7300	Density, bulk-density, or specific gravity	47104801	Applicant; 499	OWN	
330.7840 or 830.7860	Solubility	47104801	Applicant; 499	OWN '	
330.7950	Vapor Pressure	47104801	Applicant; 499	OWN	
Signature Daga M	201) Electronic and Paner versions available. Submit only Paner		Name and Title: Dana M. Thomas Product Regulatory Mgr.		Date: 8/25/11

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		DATA MATRIX			
Date: August 25, 2011		EPA Reg. No./File Symbol: 499-531		Page 2 of 4	
Applicant's/Registrant's Name &	Address		Product		
Whitmire Micro-Gen Research L	aboratories, Inc; 3568 Tree Court Industrial Blvd.,	St. Louis, MO 63122-6682	TC 267		
Ingredient: Dinotefuran: N-methy	rl-N-[tetrahydro-3-furanly)methyl]guanidine (CAS #	165252-70-0)			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.300 - 158.355					
330.7370	Dissociation constant	47104801	Applicant; 499	OWN	
330.7550, 830.7560 or 830.7570	Octanol/water partition coefficient	47104801	Applicant; 499	OWN	
330.7000	рН	47104801	Applicant; 499	OWN	
330.6313	Stability	47104801	Applicant; 499	OWN	
330.6314	Oxidizing/Reducing reaction	47104801	Applicant; 499	OWN	
330.6315	Flammability	47104801	Applicant; 499	OWN	
330.6316	Explodability	47104801	Applicant; 499	OWN	
330.6317	Storage stability	47518701	Applicant; 499	OWN	
330.7100	Viscosity	47104801	Applicant; 499	OWN	
330.6319	Miscibility	47104801	Applicant; 499	OWN	
330.6320	Corrosion Characteristics	47518701	Applicant; 499	OWN	
330.6321	Dielectric breakdown voltage	47104801	Applicant; 499	OWN	
				The same	••••
Signature	27) Electronic and Paper versions available. Submit only		Name and Title: Dana M. Thomas Product Regulatory Mgr.		Date: 8/25/11

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Date: August 25, 2011			EPA Reg. No./File Symbol: 499-531		Page 3 of 4
Applicant's/Registrant's Name	& Address		Product		
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 6	3122-6682	TC 267		
Ingredient: Dinotefuran: N-met	nyl-N-[tetrahydro-3-furanly)methyl]guanidine (CAS #165252-70-0)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.500	Toxicology				
370.1100	Acute Oral LD-50, rat	47104802	Applicant; 499	OWN	
370.1200	Acute dermal LD-50	47104803	Applicant; 499	OWN	
370.1300	Acute inhalation LC-50, rat	47104804	Applicant; 499	OWN	
370.2400	Primary eye irritation, rabbit	47104805	Applicant; 499	OWN	
370.2500	Primary dermal irritation	47104806	Applicant; 499	OWN	
870.2600	Dermal sensitization	47104807	Applicant; 499	OWN	LEYS BIRT
158.400	Product Performance				
	Field Evaluation of the Efficacy of Two Whitmire Micro-Gen Aerosol Formulations vs. CB Residuals, D-Force HPX Aerosol Formulation Against German Cockroaches (Blattella germanica)	47262601	Applicant; 499	OWN	
	Laboratory evaluation of Shuriken residual aerosol insecticide (0.25%) V.2, Dinotefuran (Shuriken) residual aerosol insecticide (0.50%), Novaluron residual aerosol (0.50%) V.1, Imidacloprid residual aerosol (1.00%) V.1 and Phantom® termiticide-insecticide for residual control of the German Cockroach	47104808	Applicant; 499	OWN	
	Laboratory bioassay to determine the efficacy of residual deposits of two formulations for the control of the bed bug, Cimex lectularius	47104809	Applicant; 499	OWN	
	Evaluation of the efficacy of 2 Formulations of TC 256 Microcare 3%, TC 232 Pro Citra DL 10%, TC 252 Pyrethrum 2%, TC 267 Dinotefuran 0.5%, TC 268 DE, and TC 249 Dinotefuran Dust 0.25% When Applied as Direct Spray to Asian Lady Beetles (Harmonia axyridris)	47104810	Applicant; 499	OWN	
	Efficacy Three Aerosol Sprays to Control Two Species of Ants in Laboratory Experiments	47104811	Applicant; 499	OWN	
	Evaluation of TC 245 (6%py/60%PBO) 0.26%, TC 267 0.50%, TC 252 PY, ProCitra-DL 10% when applied directly onto Adult Bed Bugs (Cimex lectularius)	47104812	Applicant; 499	OWN	
	Laboratory Evaluation of Residues of the Experimental Products Shuriken Residual Aerosol Insecticide (0.25%) V.2, Dinotefuran (Shuriken) Residual Aerosol Insecticide (0.50%) and Chlorfenapyr C&C Residual-Ver 1B in the Control of the Field Cricket and the American Cockroach	47104813	Applicant; 499	OWN	

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Date: August 25, 2011			EPA Reg. No./File Symbol: 499-531		Page 4 of 4
Applicant's/Registrant's Name &	& Address		Product		
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 6	3122-6682	TC 267		
ngredient: Dinotefuran: N-meth	yl-N-[tetrahydro-3-furanly)methyl]guanidine (CAS #165252-70-0)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
58.400	Product Performance				
	Evaluation of Whitmire TC 267 When Applied as Direct Spray onto Brown Recluse Spiders	47518702	Applicant; 499	OWN	
	The effect of a direct contact spray from a dinotefuran aerosol formulation on workers of the Black Carpenter Ant, Camponotus pennsylvanicus (DeGeer) and the Field ant, Formica subsericea Say (Hymenoptera: Formicidae)	47518703	Applicant; 499	OWN	
	Evaluation of Whitmire TC 267 When Applied as a Direct Spray onto Oriental Cockroaches (<i>Blattella orientalis</i>)	New	Applicant; 499	OWN	
	Laboratory Evaluation of Experimental Insecticides in the Control of the Centipede	New	Applicant; 499	OWN	
A STATE OF THE STA	Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Centipede	New	Applicant; 499	OWN	
	Laboratory Evaluation of Experimental Insecticide Residues in the Control of the American Cockroach	New	Applicant; 499	OWN	
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MATERIAL TON					
		E STORY			
Signature	Thomas	新班为	Name and Title: Dana M. Thomas Product Regulatory Mgr.		Date: 8/25/11

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Date: August 25, 2011			EPA Reg. No./File Symbol: 499-531		Page 1 of 4	
Applicant's/Registrant's Name & Address		Product				
Whitmire Micro-Gen Research	Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Lo	puis, MO 63122-6682	TC 267			
Ingredient: Dinotefuran: N-meth	yl-N-[tetrahydro-3-furanly)methyl]guanidine (CAS #1652	52-70-0)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
158.150 - 158.190	PRODUCT CHEMISTRY					
830.1550	Product Identity	47104801	Applicant; 499	OWN		
830.1650	Manufacturing Process	47104801	Applicant; 499	OWN		
830.1670	Discussion of formation of impurities	47104801	Applicant; 499	OWN		
830.1700	Preliminary Analysis	47104801	Applicant; 499	OWN		
830.1750	Certificate of limits	47104801	Applicant; 499	OWN		
830.1800	Analytical Methods	47104801	Applicant; 499	OWN		
830.6302	Color	47104801	Applicant; 499	OWN		
830.6303	Physical State	47104801	Applicant; 499	OWN	7年5月2日	
830.6304	Odor	47104801	Applicant; 499	OWN		
830.7200	Melting Point	47104801	Applicant; 499	OWN		
830.7220	Boiling Point	47104801	Applicant; 499	OWN		
830.7300	Density, bulk-density, or specific gravity	47104801	Applicant; 499	OWN		
830.7840 or 830.7860	Solubility	47104801	Applicant; 499	OWN		
830.7950	Vapor Pressure	47104801	Applicant; 499	OWN		
Signature	his Ayn Settiff		Name and Title: Lisa A. Setliff Regulatory Agent		Date: 12/22/11	

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		Product	Product		
Whitmire Micro-Gen Research I	aboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO	63122-6682	TC 267		
Ingredient: Dinotefuran: N-meth	yl-N-[tetrahydro-3-furanly)methyl]guanidine (CAS #165252-70-0)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.300 - 158.355					
830.7370	Dissociation constant	47104801	Applicant; 499	OWN	
830.7550, 830.7560 or 830.7570	Octanol/water partition coefficient	47104801	Applicant; 499	OWN	
830.7000	pH	47104801	Applicant; 499	OWN	
830.6313	Stability	47104801	Applicant; 499	OWN	
830.6314	Oxidizing/Reducing reaction	47104801	Applicant; 499	OWN	
830.6315	Flammability	47104801	Applicant; 499	OWN	
830.6316	Explodability	47104801	Applicant; 499	OWN	
830.6317	Storage stability	47518701	Applicant; 499	OWN	
830.7100	Viscosity	47104801	Applicant; 499	OWN	
830.6319	Miscibility	47104801	Applicant; 499	OWN	
830.6320	Corrosion Characteristics	47518701	Applicant; 499	OWN	
830.6321	Dielectric breakdown voltage	47104801	Applicant; 499	OWN	Sale Bet Acco
860.1460	Residues in Food Commodities Following Application of a Pressurized Liquid (Aerosol) Formulation of Dinotefuran as a Crack and Crevice Treatment, Spot Treatment and General Treatment in a Simulated Food Handling Establishment	5 TBD	Applicant; 499	OWN	
Signature \	a Ayo Sotilly		Name and Title: Lisa A. Setliff Regulatory Agent		Date: 12/22/11



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Applicant's/Registrant's Name & Address Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682		Product TC 267			
ngredient: Dinotefuran: N-meth	yl-N-[tetrahydro-3-furanly)methyl]guanidine (CAS #165252-70-0)	32136 5			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
58.500	Toxicology		LANCE OF THE STATE OF		
370.1100	Acute Oral LD-50, rat	47104802	Applicant; 499	OWN	
70.1200	Acute dermal LD-50	47104803	Applicant; 499	OWN	
370.1300	Acute inhalation LC-50, rat	47104804	Applicant; 499	OWN	
370.2400	Primary eye irritation, rabbit	47104805	Applicant; 499	OWN	
370.2500	Primary dermal irritation	47104806	Applicant; 499	OWN	
370.2600	Dermal sensitization	47104807	Applicant; 499	OWN	
58.400	Product Performance				
	Field Evaluation of the Efficacy of Two Whitmire Micro-Gen Aerosol Formulations vs. CB Residuals, D-Force HPX Aerosol Formulation Against German Cockroaches (Blattella germanica)	47262601	Applicant; 499	OWN	
	Laboratory evaluation of Shuriken residual aerosol insecticide (0.25%) V.2, Dinotefuran (Shuriken) residual aerosol insecticide (0.50%), Novaluron residual aerosol (0.50%) V.1, Imidacloprid residual aerosol (1.00%) V.1 and Phantom® termiticide-insecticide for residual control of the German Cockroach	47104808	Applicant; 499	OWN	
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	Efficacy Three Aerosol Sprays to Control Two Species of Ants in Laboratory Experiments	47104811	Applicant; 499	OWN	
	Evaluation of TC 245 (6%py/60%PBO) 0.26%, TC 267 0.50%, TC 252 PY, ProCitra-DL 10% when applied directly onto Adult Bed Bugs (Cimex lectularius)	47104812	Applicant; 499	OWN	
	Laboratory Evaluation of Residues of the Experimental Products Shuriken Residual Aerosol Insecticide (0.25%) V.2, Dinotefuran (Shuriken) Residual Aerosol Insecticide (0.50%) and Chlorfenapyr C&C Residual-Ver 1B in the Control of the Field Cricket and the American Cockroach	47104813	Applicant; 499	OWN	
Signature	sa Ayn Settil		Name and Title: Lisa A. Setliff Regulatory Agent		Date: 12/22/11

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Ingredient: Dinotefuran: N-methyl-N-[tetrahydro-3-furanly)methyl]guanidine (CAS #165252-70-0)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
58.400	Product Performance				
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	The effect of a direct contact spray from a dinotefuran aerosol formulation on workers of the Black Carpenter Ant, Camponotus pennsylvanicus (DeGeer) and the Field ant, Formica subsericea Say (Hymenoptera: Formicidae)	47518703	Applicant; 499	OWN	
	Evaluation of Whitmire TC 267 When Applied as a Direct Spray onto Oriental Cockroaches (Blattella orientalis)	48585401	Applicant; 499	OWN	
	Laboratory Evaluation of Experimental Insecticides in the Control of the Centipede	48585402	Applicant; 499	OWN	
	Laboratory Evaluation of Experimental Insecticide Residues in the Control of the Centipede	48585403	Applicant; 499	OWN	
	Laboratory Evaluation of Experimental Insecticide Residues in the Control of the American Cockroach	48585404	Applicant; 499	OWN	
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